

Title (en)

Powering implantable restriction systems using light

Title (de)

Antreibende implantierbare Restriktionssysteme unter Verwendung von Licht

Title (fr)

Alimentation de systèmes de restriction implantables utilisant la lumière

Publication

EP 2087861 A1 20090812 (EN)

Application

EP 09250304 A 20090206

Priority

US 2778408 A 20080207

Abstract (en)

Various powering devices are provided for transferring and/or generating energy from numerous sources to a communicating member implanted in a patient. The energy transferred to or generated by the communicating member can be used to provide power to an implantable restriction system configured to form a restriction in a pathway.

IPC 8 full level

A61F 5/00 (2006.01)

CPC (source: EP US)

A61F 5/0059 (2013.01 - EP US)

Citation (applicant)

WO 0112076 A1 20010222 - BLOMBERG AXEL [FR], et al

Citation (search report)

- [X] US 6450946 B1 20020917 - FORSELL PETER [CH]
- [X] US 2001011543 A1 20010809 - FORSELL PETER [CH]
- [A] EP 1832254 A1 20070912 - ETHICON ENDO SURGERY INC [US]
- [A] EP 1736123 A1 20061227 - ETHICON ENDO SURGERY INC [US]

Citation (examination)

US 2006247737 A1 20061102 - OLSON DAVID P [US], et al

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

EP 2087861 A1 20090812; BR PI0900103 A2 20090929; CN 101502451 A 20090812; JP 2009183711 A 20090820; RU 2009104108 A 20100820; US 2009204178 A1 20090813; US 7844342 B2 20101130

DOCDB simple family (application)

EP 09250304 A 20090206; BR PI0900103 A 20090209; CN 200910007139 A 20090209; JP 2009025543 A 20090206; RU 2009104108 A 20090206; US 2778408 A 20080207